

1 1. (Twice Amended) A liquid crystal display apparatus comprising:
2 D' a pair of substrates having electrodes and vertical alignment layers;
3 a liquid crystal having a negative anisotropy or dielectric constant and inserted
4 between said pair of substrates;
5 at least one of said substrates having a linearly arranged alignment control
6 structure for liquid crystal domains; and
7 at least one of said substrates having means for forming at least one boundary
8 of alignment of liquid crystal domains on said linearly arranged alignment control structure
9 at a fixed position.

1 Sx. (Amended) A liquid crystal display apparatus as described in claim 35,
2 D² characterized in that said constituent unit of said linearly arranged structures have
3 substantially a uniform shape and are divided from each other by a change in shape or
4 cutting.

1 4. (Amended) A liquid crystal display apparatus as described in claim 35,
2 characterized in that the constituent unites of the linearly arranged structures of one of the
3 substrates and the constituent units of the linearly arranged structures of the other substrate
4 extend in parallel to each other.

1 ^{7/8} (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent units of the linearly arranged structures of one of the
3 substrates and the constituent units of the linearly arranged structures of the other substrate
4 extend in parallel to each other and are shifted from each other.

D2
1 ^{8/8} (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent units of the linearly arranged structures of each substrate
3 have different lengths.

1 ⁶
⁷ (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent units of the linearly arranged structures of each substrate
3 are arranged in spaced relation with each other, and the constituent units of the linearly
4 arranged structures of constituent units of the linearly arranged structures of the other
5 substrate.

D3
1 ¹⁴
2 (Twice Amended) A liquid crystal display apparatus as described in
claim ³~~35~~, comprising:

3 alignment control structures arranged in each of said pair of substrates for
4 controlling alignment of the liquid crystal;

5 wherein the alignment control structures of one substrate are shifted from the
6 alignment control structures of the other substrate, as viewed in the direction normal to said

7 one substrate, and each of said one substrate and said other substrate has means for forming a
D3 8 boundary of alignment of the liquid crystal molecules at fixed positions with respect to the
9 alignment control structures of the opposed substrate, upon voltage application.

1 24. (Amended) A liquid crystal display apparatus as described in claim 1,
2 wherein said alignment control structures and means arranged on said substrates comprises a
DH 3 plurality of constituent units, one constituent unit comprising at least a part of said alignment
4 control structure for said LC domains and at least a part of said means for forming a
5 boundary of alignment of the liquid crystal domains.

1 35. (Amended) A liquid crystal display apparatus as described in claim 1,
2 wherein said at least one of said substrates has at least one of means for forming a boundary
3 of alignment of a first type in which all liquid crystal molecules around a point are directed
4 to said point, and means for forming a boundary of alignment of a second type in which a
5 part of the liquid crystal molecules around a point are directed to said point and the other part
6 of the liquid crystal molecules around said point are directed from said point in the opposite
7 sense to that of said part of the liquid crystal molecules.

1 4 37. (New) The liquid crystal display apparatus as described in claim 1,
DH 2 5 wherein said means for forming at least one boundary being located on or near said linearly
3 arranged alignment control structured, as viewed in a direction normal to said substrates.
